

## DEPARTMENTAL BUDGET INFORMATION

### ENVIRONMENTAL AFFAIRS (22)

#### MISSION

The mission of the Environmental Affairs Department is to manage and coordinate the environmental affairs of the City of Detroit through the development and implementation of a coordinated and comprehensive environmental policy. This environmental policy shall provide for the protection and enhancement of the quality of life for the citizens of Detroit; provide the skills and resources needed to maintain the City in compliance with applicable laws and regulations; and provide for the most effective and sustainable use of the natural resources (land, water and air) available to the City.

#### DESCRIPTION

The Department of Environmental Affairs was established in 1995 to manage and coordinate the environmental affairs of the City of Detroit. The Department undertakes this by developing a coordinated and comprehensive environmental policy for the City, and managing and coordinating efforts to comply with all applicable federal, state and local regulations. The Department interacts with and guides other City agencies with environmental issues, laws, regulations and with public, quasi-public, and private entities to promote Detroit's environmental health.

#### CORE SERVICES

The Department is currently working on several projects designed to address *Neighborhood Stabilization* in Detroit and the quality of life of its citizens.

The Department has implemented a Junkyard Initiative and is currently identifying and inspecting sites utilized as

junkyards, scrapyards, and for other types of salvage operations. Working with federal and state environmental agencies, these sites are being inspected and appropriate steps taken to bring them into compliance with all applicable laws and regulations. As this initiative develops, Environmental Affairs is actively seeking funding sources to enhance program activities.

The Illegal Dumping Program has grown to a citywide initiative as part of the Citywide Clean-up Project. The pilot program has demonstrated its effectiveness in identifying targeted areas where dumping is most likely to occur, the profile of a typical dumper and the materials mostly likely to be dumped. In partnership with the Police, Fire, Public Works, Law and Communication & Creative Services Departments, the Department presented recommendations for expanding the program and steps to minimize the occurrences of dumping incidents. Environmental Affairs has retained a Program Coordinator to further the work.

The Department is conducting a review of the Detroit City Code, including Zoning Laws, to identify areas where revisions are needed. With the insertion of language, which more adequately addresses the issues and concerns currently facing our residents, we will recommend new environmentally based enforcement tools to protect health and safety and the environment.

Environmental Affairs conducts training sessions for environmental enforcement officers and others interested or responsible for environmental enforcement. The Department also offers training in

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Hazardous Waste Management, Hazardous Materials Response (HAZMAT), the 8 hour HAZWOPER refresher courses and Hazard Abatement Decision Making. This year we have added Asbestos Abatement Awareness and Inspector Certification.

This year the Department began a cooperative program with Wayne County to assure that businesses comply with the Solid Waste Management Act and the Wayne County Solid Waste Management Plan. This program will establish regular inspections of solid waste facilities and transfer stations within the City and ferret out those illegal, unlicensed or non-permitted facilities operating in our neighborhoods and industrial and commercial strips.

Environmental Affairs is also working with the State of Michigan in an effort to proactively address environmental issues resulting from the effects of new development on local neighborhoods. In welcoming brownfield redevelopment, the Department is poised to monitor the effects of new businesses to assure that no community is disparately impacted.

The Department continues to work with the Planning & Development Department to identify, assess and remediate contaminated sites. This year, utilizing a site assessment grant from the Michigan Department of Environmental Quality, the Environmental Affairs, Planning and Development and ITS Departments will develop a graphic information database for a pilot area that can be used for a citywide environmental graphic information system (GIS).

In an effort to address *Public Safety*, the Department is expanding its relationship with federal, state, and local environmental partners. These partnerships are designed to assure that facilities located with Detroit, which may adversely impact the environment (land, water, or air), are adequately monitored and required to maintain compliance with applicable laws and regulations.

As a partner in the Good Neighbors United Initiative along with the U.S. Environmental Protection Agency (EPA), Wayne County, and several downriver communities, Environmental Affairs has addressed impacts of environmental pollution on targeted areas within Southwest Detroit. The Department and EPA have made joint compliance inspections at facilities within the city and are developing strategies to expand this project and encourage voluntary compliance. These inspections have led to citations issued to operators.

Environmental “crimes” are increasingly recognized around the country as crimes of profit that adversely affect neighborhoods and may inspire related criminal acts. It has also long been recognized that loss of environmental quality in the community affects the public health and safety as much as it degrades the environment.

*Internal Services* are provided to city agencies upon request or need. As Environmental Affairs becomes aware of new or changing legislation which impacts the operations of city agencies, notification is made to the affected agency and steps are taken to assist the agency with implementation.

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Environmental training opportunities offered through the Department to agencies provides a means for staff to be properly trained in handling materials which may present health risks or environmental hazards. As the need for additional training is met and the training program is expanded, new courses will be made available for employees at a minimal or no cost.

Through the Department, the City has been selected as a pilot city in the development of an Environmental Management System for city agencies. This program is designed to develop and implement operating practices, which increase pollution prevention measures, and minimize waste production. The Department provides staff assistance in the review of and response to environmental documentation, inspections, assessments and environmental compliance.

### **MAJOR INITIATIVES**

In FY00-01, the Department expanded ongoing program activities including Air Quality Management, Brownfield Redevelopment, Environmental Management Systems, Illegal Dumping, Underground Storage Tank Management and Watershed Management. The Department has at least one Environmental Specialist dedicated to each environmental medium, as well as, Environmental Management and Solid/Hazardous Waste Management. Collaborations are being considered as tools to assist in bringing about improvements in the land, air and water quality of the Detroit area. The Brownfield Redevelopment Program continues to move forward partnering with the EPA and the State of Michigan Department of Environmental Quality

(MDEQ) in the Redevelopment of Urban Sites (REUS) Team to facilitate the cleanup and remediation of brownfield sites in Detroit. Working with the Planning & Development Department (PDD) and Department of Public Works (DPW) to identify potential contaminated sites, Environmental Affairs facilitates the restorations of these sites to a condition where they can safely be reused for various development projects.

Through the MDEQ Clean Michigan Initiative Bond Fund Program, the Department has sought the cleanup of forty-eight (48) underground storage tank sites and seventy (70) brownfield sites. These cleanups will provide an opportunity for the properties to be restored to marketable conditions and enhance their redevelopment potential and the establishment of business.

Through a supplemental award from the U.S. Environmental Protection Agency, Environmental Affairs has received funds to conduct environmental site assessments on brownfield sites recommended by the Planning & Development Department. Once completed, these assessments will provide the basis for the cleanup and preparation of these sites for future development.

The Brownfield Redevelopment Authority and the Brownfield Cleanup Revolving Loan Fund Program are instruments, which will be utilized to assist potential developers in financing environmental cleanups at brownfield sites. These program are designed to provide tax incentives, gap financing and low interest loans for environmental cleanups.

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The Illegal Dumping Program was originally designed as a pilot program to survey two local police precincts in an attempt to identify typical factors surrounding illegal dumping: offenders, hours and areas of operations, materials dumped, etc. The Pilot is now focusing on site security and maintenance, which answers how we keep sites free of illegally dumped debris once cleaned up.

The Watershed Management Program is working with federal, state and local units of government to address issues which impact the water bodies in and around the City of Detroit and to develop a watershed management plan for the area. This program is addressing the proliferations of illegal junkyards through the Junkyard Initiative. Several junkyards (salvage yards, scrap metal yards, etc.) have been discovered to be non-point sources of pollution to city sewers. Multimedia inspections are being conducted to identify violators and mishandlers of scrap materials. The air Quality Management Program is working diligently to address issues faced by the Public Lighting and Public Works Departments. Staff assists these agencies on the recognition of non-compliant systems and recommends ways to restore the systems to proper performance. Under the Air Quality Management Program, the city participates with regulators in air quality advisory committees at the state and federal level. Our participation in these committees may help assure that urban issues will be fairly represented in any impending rules.

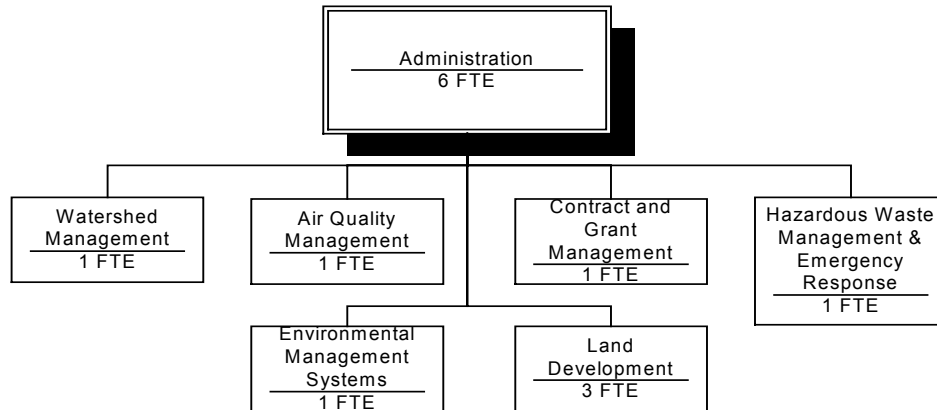
### **PLANNING FOR THE FUTURE**

The Department continues to work with other City agencies to maximize the usage of their environmental contract dollars. A targeted, streamlined process which establishes standards for performance will enable the City to reap several benefits. They include: cost savings for contracted services, consistency in the quality of service provided, elimination of payment for unnecessary services, enhancement of staff understanding of purchased services, requirements and follow up activities.

Environmental Affairs will continue to monitor and enhance ongoing programs to identify areas where improvement is needed and expand on items proven successful. The process will be used on a consistent basis and new program development will be undertaken as the needs are identified.

The Department also envisions greater involvement with the public in evaluating environmental alternatives. This course of action will provide public education about environmental matters and issues, including pollution prevention, environmental protection and conservation of natural resources. This agency will serve as a liaison to citizens on environmental issues, such as environmental justice, and implement and coordinate environmental reclamation programs and compliance monitoring of facilities to improve the environmental quality of neighborhoods.

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**PERFORMANCE GOALS, MEASURES AND TARGETS**

<b>Goals: Measures</b>	<b>1999-00 Actual</b>	<b>2000-01 Projection</b>	<b>2001-02 Target</b>
Develop Citywide policy for operations the deal with environmental issues: Number of departmental contacts made	15	20	50
Develop and implement a comprehensive plan to coordinate re-use/redevelopment of contaminated property: Number of sites addressed	115	120	150
Act as liaison with regulatory agencies, community/non-profit initiatives to promote compliance and awareness: Number of liaison activities with state regulators	25	30	50

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**EXPENDITURES**

	1999-00		2000-01	2001-02	Variance	Variance
	Actual		Redbook	Mayor's		
	Expense			Budget Rec		Percent
Salary & Wages	\$ 458,344	\$	748,988	\$ 712,717	\$ (36,271)	-5%
Employee Benefits	206,293		354,518	353,487	(1,031)	0%
Prof/Contractual	63,184		400,000	473,211	73,211	18%
Operating Supplies	12,682		18,600	13,600	(5,000)	-27%
Operating Services	139,996		145,276	223,799	78,523	54%
Capital Equipment	80,312		41,491	13,200	(28,291)	-68%
Capital Outlays	-		4,000	60,000	56,000	1400%
Other Expenses	43,909		33,000	33,000	-	0%
<b>TOTAL</b>	<b>\$ 1,004,720</b>	<b>\$</b>	<b>1,745,873</b>	<b>\$ 1,883,014</b>	<b>\$ 137,141</b>	<b>8%</b>
<b>POSITIONS</b>	<b>12</b>		<b>14</b>	<b>14</b>	<b>-</b>	<b>0%</b>

**REVENUES**

	1999-00		2000-01	2001-02	Variance	Variance
	Actual		Redbook	Mayor's		
	Revenue			Budget Rec		Percent
Grants/Shared Taxes	\$ 43,979	\$	-	\$ -	\$ -	0%
Miscellaneous	15,000		-	-	-	0%
<b>TOTAL</b>	<b>\$ 58,979</b>	<b>\$</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0%</b>